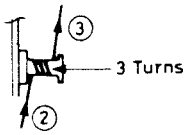
Serviceanweisung

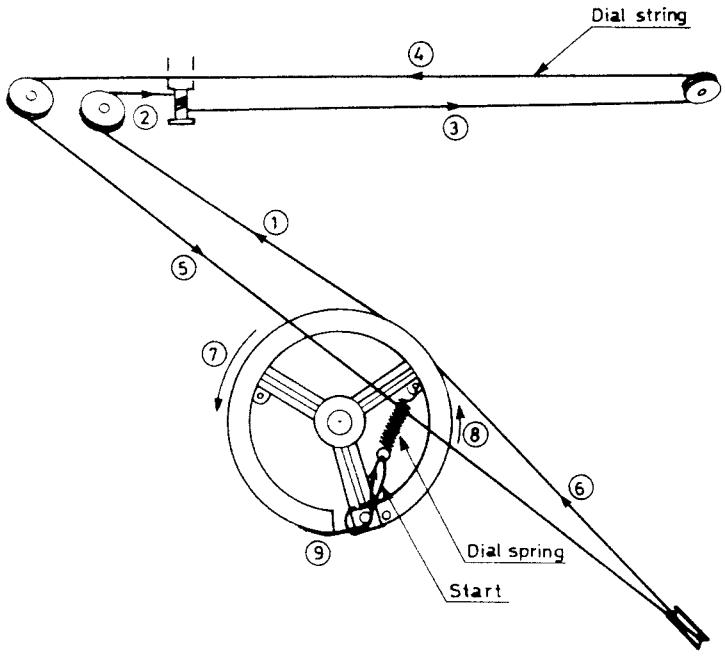
Service manual

CV 55 RC

Ident-Nr. 15 823 00-610
15 911 00-610

Seilzugführung
Stringing diagram

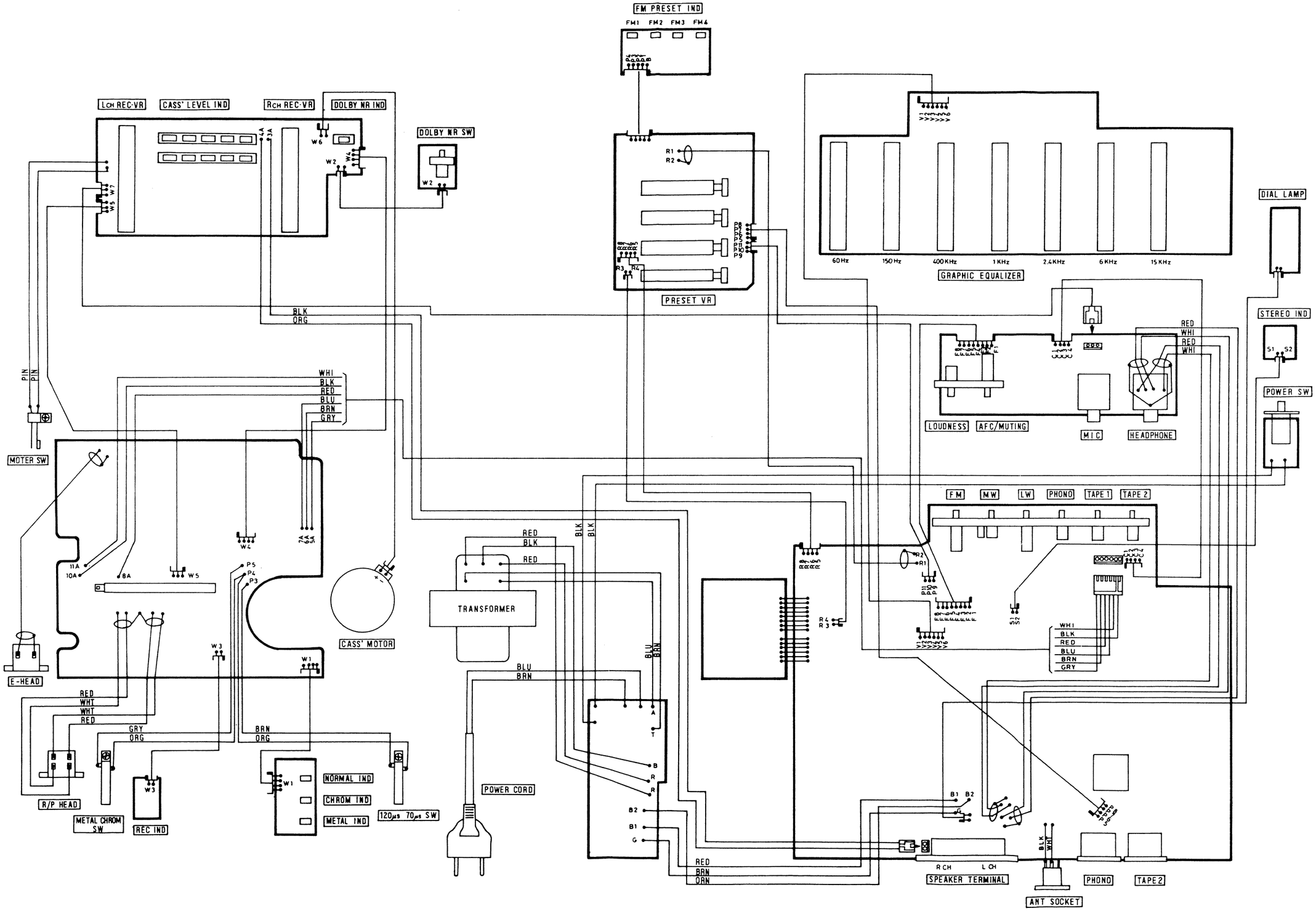




NOTES
Dial String Length
150 cm
Länge: 150 cm

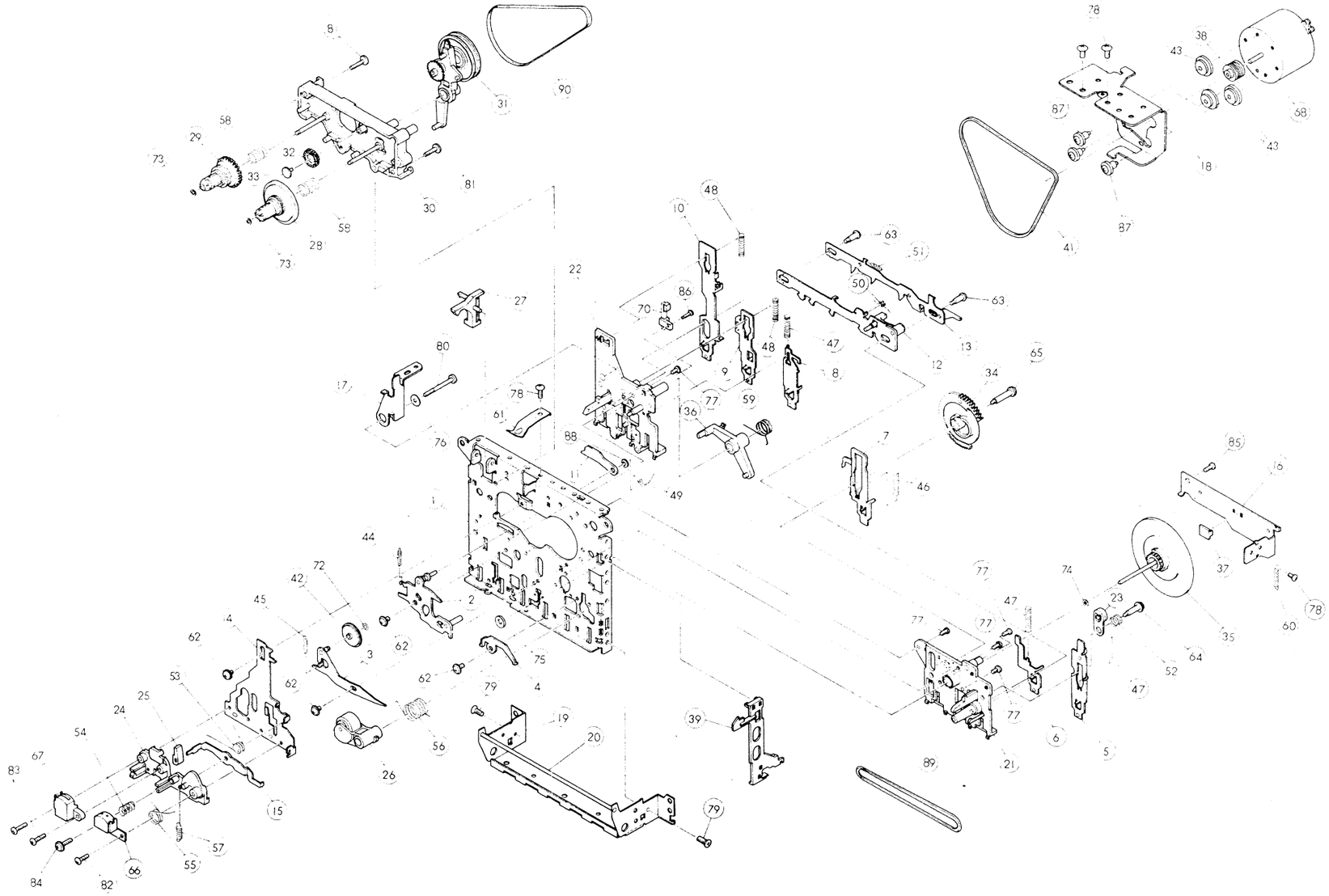
Bestell-Nr./Part No.	Bezeichnung	Description	Position
24 930 00-350	Fernbedienung-Geber colinal	Remote control colinal	
24 931 00-350	Fernbedienung-Geber champagner	Remote control champagner	
24 932 00-431	Frontteil colinal	Front panel colinal	1
24 933 00-431	Frontteil champagner	Front panel champagner	1
24 934 00-4252	Skalenabdeckung	Tinted window	2
24 935 00-4252	Skalenscheibe	Dial scale	3
24 936 00-4271	Skalenzeiger	Dial pointer	4
24 937 00-4281	Knopf Dreh 34 ohne Rast champagner	Knob tuning 34 champagner	5
24 938 00-4282	Knopf Taste champagner	Push button champagner	6
24 939 00-4284	Knopf Schieberegler champagner	Slide knob champagner	7
24 940 00-4281	Knopf Dreh 34 ohne Rast colinal	Knob tuning 34 colinal	5
24 941 00-4282	Knopf Taste colinal	Push button colinal	6
24 942 00-4284	Knopf Schieberegler colinal	Slide knob colinal	7
24 944 00-4312	Cassettenfachdeckel colinal	Cassette case colinal	11
24 945 00-4312	Cassettenfachdeckel champagner	Cassette case champagner	11
24 943 00-431	Abdeckung Cassettenfach	Cassette glass	12
24 946 00-4282	Klaviertaste breit colinal	Cassette button L colinal	13
24 947 00-4282	Klaviertaste schmal colinal	Cassette button S colinal	14
24 948 00-4282	Klaviertaste breit champagner	Cassette button L champagner	13
24 949 00-4282	Klaviertaste schmal champagner	Cassette button S champagner	14
24 950 00-4186	Abstimmachse	Tuning shaft	32
24 951 00-4273	Seilrad	Dial drum	33
24 954 00-4162	Zugfeder Skalenseil	Dial spring	34
24 952 00-4273	Seilrolle (3)	3 Pulley	36
24 953 00-4274	Seilrolle (1)	1 Pulley	37
26 263 00-429	Tastenmechanik kpl.	Cassette button base	46
13 928 00-501	Fachdämpfer kpl.	Air dumper	47
26 034 00-416	Feder Cassettenfach	Case spring	49
26 035 00-416	Feder Aufnahme	Rec. spring	50
26 021 00-500	Gr.-Platine	Main P. C. B.	70
26 033 00-500	Logik-Platine	Logic P. C. B.	70
26 025 00-500	Speicher-/R-Platine	Storage P. C. B.	71
26 026 00-500	Anzeige-Platine Speicher	Indication P. C. B. storage	72
26 027 00-500	Beleucht.-Platine	Lamp P. C. B.	73
26 028 00-500	LED-Platine Stereo	LED P. C. B. stereo	74
26 022 00-500	Equalizer-Platine	Equalizer P. C. B.	75
26 024 00-500	Buchsen-Platine	Socket P. C. B.	76
26 023 00-500	Netzteil-Platine	Power P. C. B.	77
26 029 00-500	A/W-Platine	Rec./Playback P. C. B.	78
26 031 00-500	Anzeige-Platine Bandsorte	Indication P. C. B. tape	79
26 032 00-500	LED-Platine record	LED P. C. B. record	80
26 030 00-500	Aufnahmeverstärker-Platine	Rec. level P. C. B.	81
26 006 00-3243	Netztrafo	Power transformer	82
26 262 00-327	Mikroschalter	Micro switch	86
26 036 00-4272	Zählwerk	Counter	87
26 037 00-4152	Zählwerkriemen	Counter belt	92

Verdrahtungsplan
Wiring diagram



Explosionsdarstellung
Exploded view

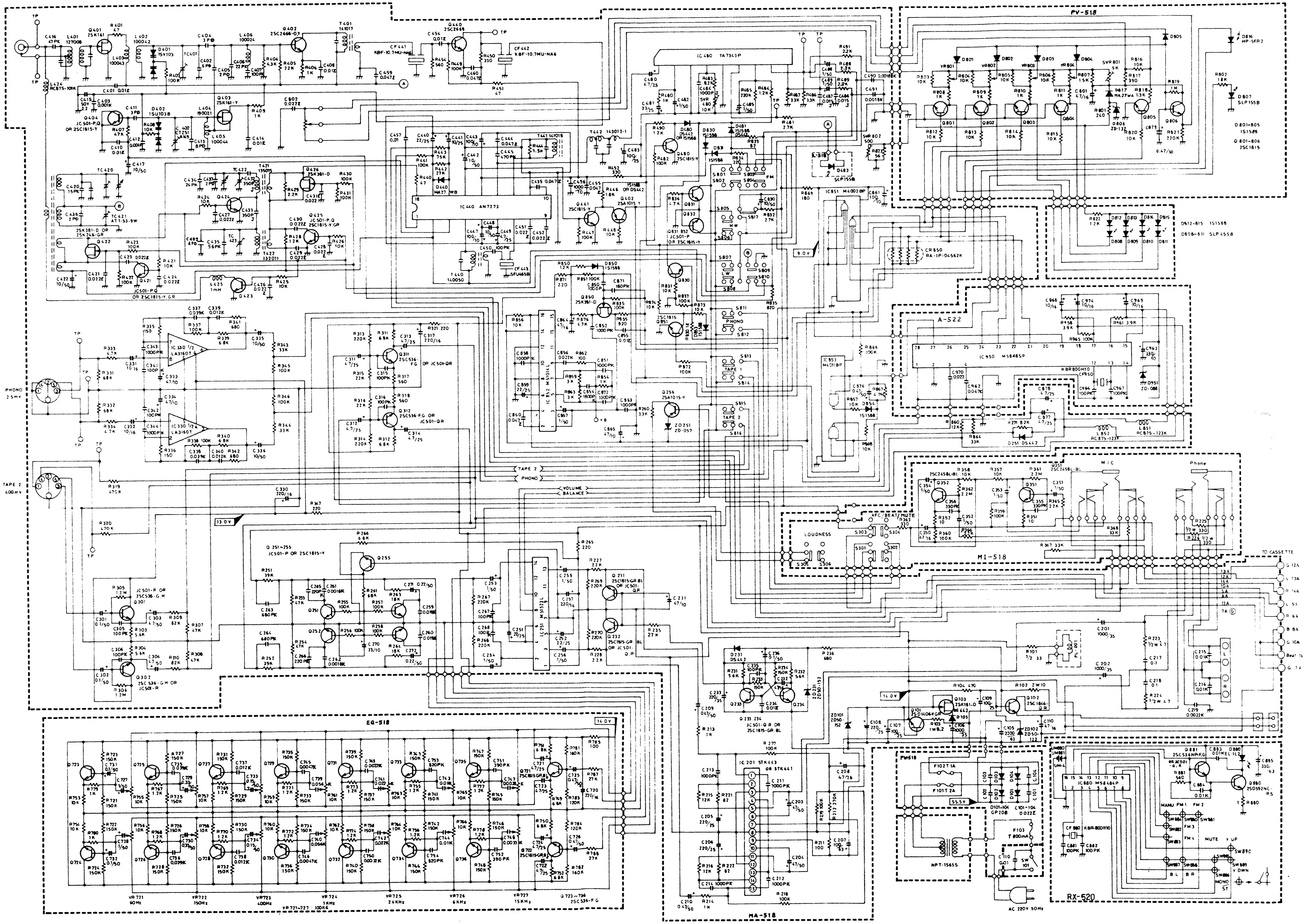
Cassette



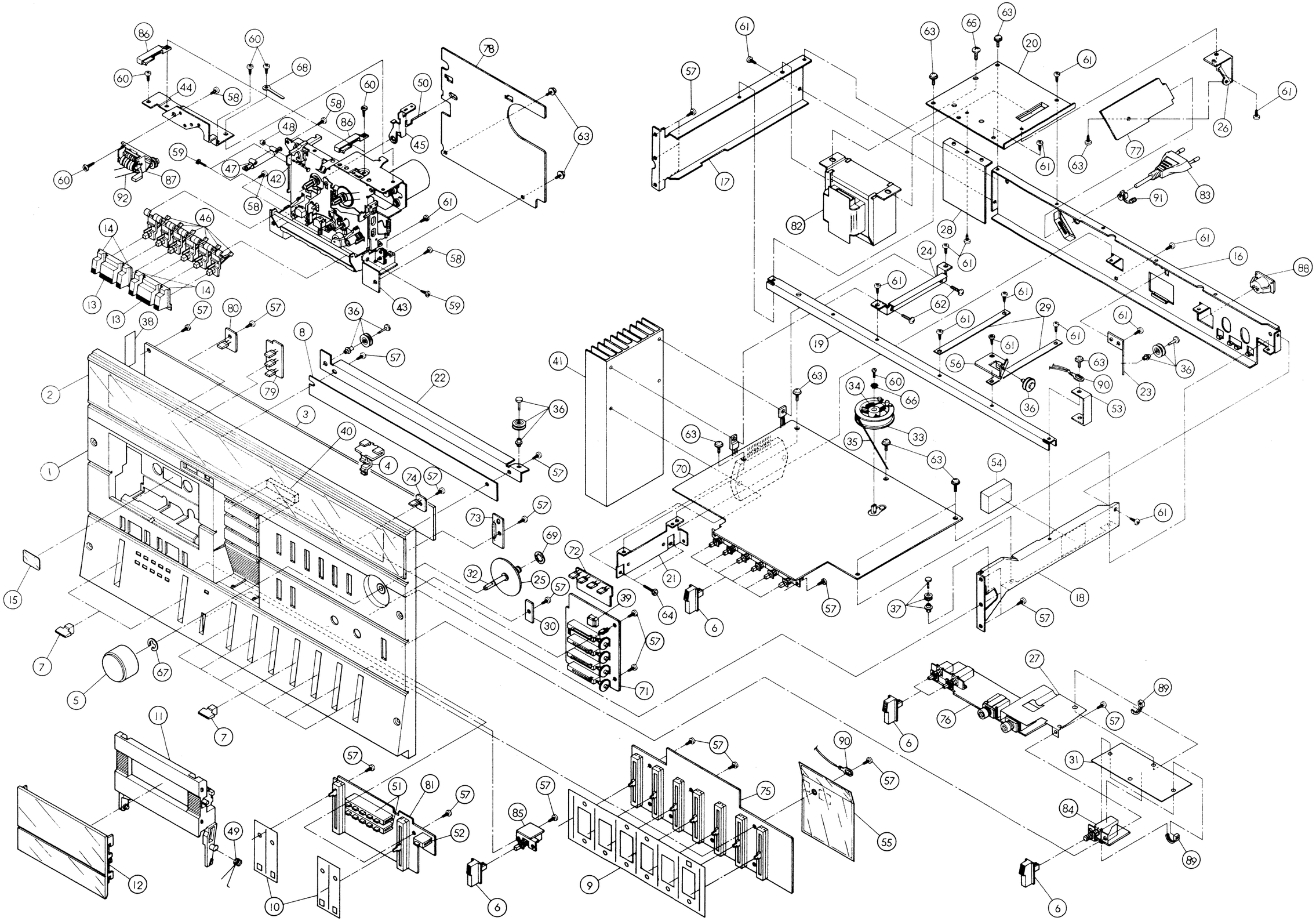
Bestell-Nr./Part No.	Bezeichnung	Description	Position
26 038 00-500	Laufwerk kpl.	Cassette mechanism	
24 402 00-4296	Schalthebel	Shiftarm ass'y	2
24 403 00-429	Zwischenradarm	Idler arm ass'y	3
24 404 00-4296	Schalthebel Pause	Pause arm	4
24 405 00-429	Pausenrasthebel	Pause cam	23
24 406 00-429	Kopfträgerplatte	Head base	24
24 407 00-429	Stoppfühler	Sensor cap	25
24 408 00-501	Bandandruckrolle kpl.	P roller arm ass'y	26
24 409 00-4197	Aufnahmesperrhebel	Record sensor	27
24 410 00-429	Wickelteller rechts	T reel ass'y	28
24 411 00-429	Wickelteller links	S reel ass'y	29
26 039 00-429	Rutschkupplung	Clutch arm ass'y	31
24 413 00-429	Zahnrad Vorlauf	FF gear	32
24 414 00-429	Nietbolzen Zahnrad Vorlauf	Bush	33
24 415 00-429	Zahnrad Start/Stop	Gear	34
26 040 00-4189	Schwungmasse	Fly wheel	35
24 417 00-419	Rasthebel	Lock arm	36
24 418 00-429	Schwungmasselager	Capstan spacer	37
26 041 00-429	Motorpulley	Motor pulley	38
24 420 00-429	Hebel Eject	Eject lever	39

Bestell-Nr./Part No.	Bezeichnung	Description	Position
26 042 00-4152	Antriebsriemen A	Belt A	90
26 043 00-4152	Antriebsriemen B	Belt B	41
24 423 00-429	Zwischenrad	Play idler	42
24 424 00-4151	Gummipuffer Motor	Motor cushion	43
24 425 00-416	Feder Schalthebel	Shift arm spring	44
24 426 00-416	Feder Zwischenradarm	Idler spring	45
24 427 00-416	Feder Aufnahmehebel	Rec. lever spring	49
24 428 00-416	Feder Kopfschlitten	Head chassis spring	53
24 429 00-416	Feder A/W-Kopf	Head spring	54
24 430 00-416	Feder BA-Rolle A	P roller spring A	55
24 431 00-416	Feder BA-Rolle B	P roller spring B	56
24 432 00-4162	Zugfeder Kopfschlitten	Head chassis return spring	57
24 433 00-416	Feder Wickelteller	Back tension spring	58
26 047 00-416	Feder Rasthebel	Lock arm spring	59
24 435 00-416	Feder Hebel Eject	Eject lever spring	60
24 436 00-416	Cassettenandruckfeder	Pack spring	61
26 048 00-32831	A/W-Kopf	R/P head	66
26 049 00-32831	Löschkopf	Erace head	67
26 050 00-32831	Antriebsmotor	Motor	68
24 440 00-327	Schaltkontakt	Leaf switch	70
24 441 00-406	Scheibe Wickelteller	Polyslider washer	73
24 442 00-406	Scheibe Schwungmasse	Polyslider washer	74
26 037 00-4152	Zählwerkriemen	Counter belt	89

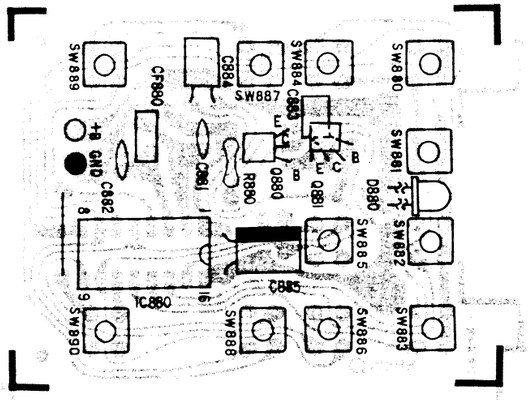
Schaltbild Rundfunk
Circuit diagram receiver

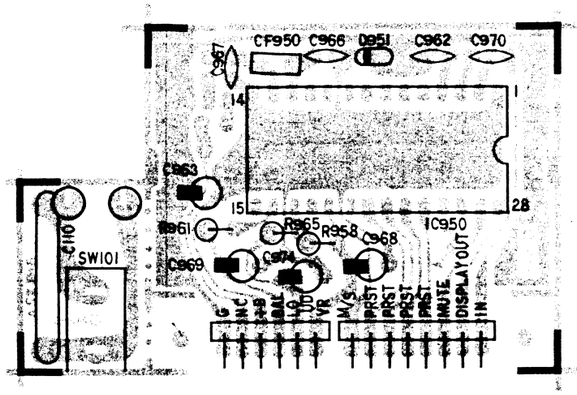


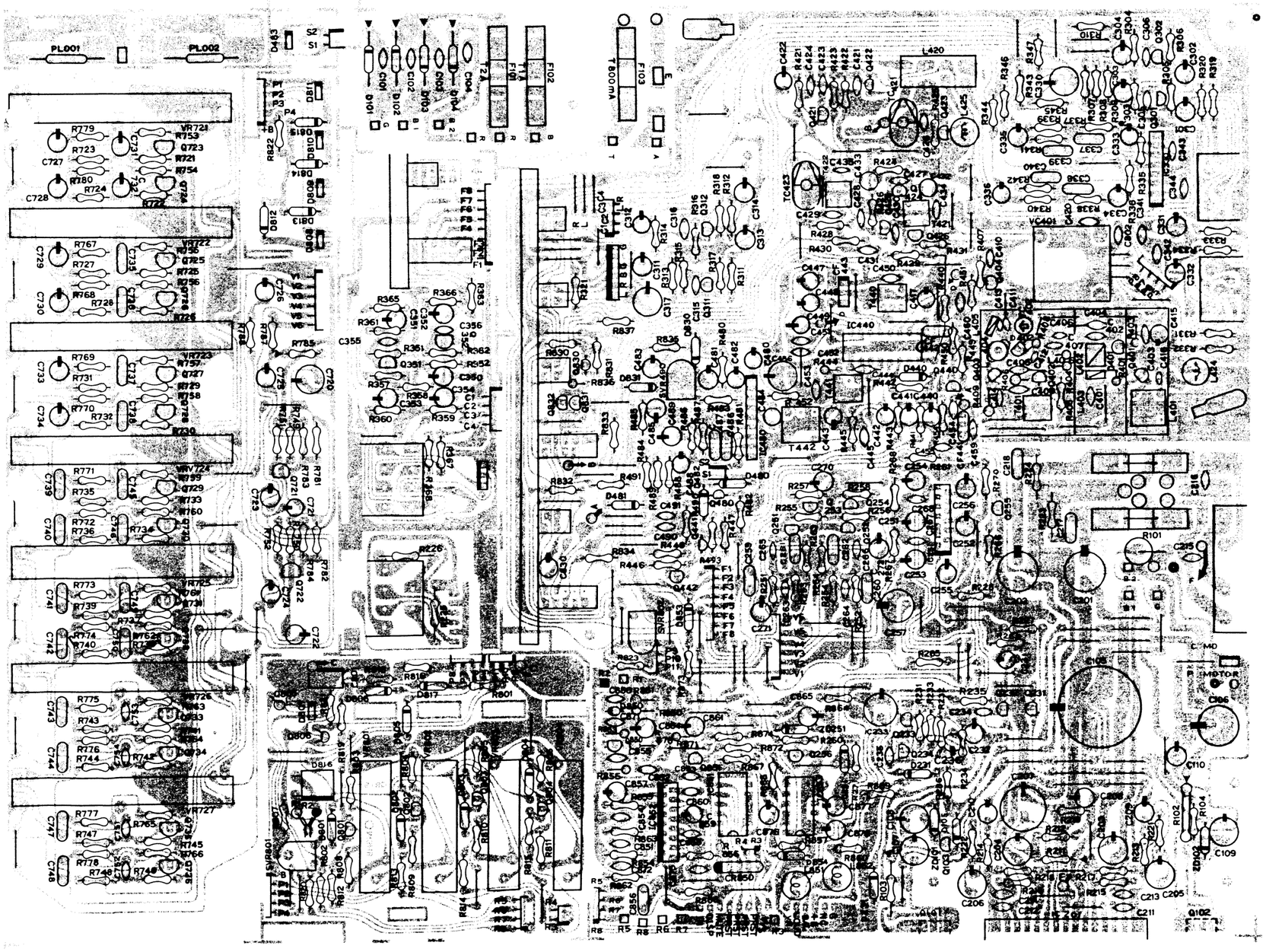
Explosionsdarstellung
Exploded view



Rundfunk-Platinen
Receiver P.C.B.'s







Schaltbild Cassette

Circuit diagram cassette

IC 440 AN 2773

4.8	0.5	0.5	0.5	0	0.3	4.9	4.9	4.9
1	2	3	4	5	6	7	8	9
18	17	16	15	14	13	12	11	10
0.5	1.5	1.5	0	5.3	1.5	0	0	4.6

IC 480 TA7343P

3.5	9.9	11.2	10.2	0	13.1	11.1	4.2	4.2
1	2	3	4	5	6	7	8	9

IC 852 M51014 L

0.7	0	2.6	2.6	1.9	8.2	0	0
1	3	5	7	9	11	13	15
2	4	6	8	10	12	14	16
2.6	2.6	2.7	0	1.1	0	8.8	0.1

IC 501 LA3160T

1.3	0.8	4.0	8.6	0	4.0	0.8	1.3
1	2	3	4	5	6	7	8

IC 380 LA3160T

1.3	0.8	4.7	12.9	0	4.6	0.8	1.3
1	2	3	4	5	6	7	8

IC 503 NJM4558D

6.6	6.6	6.6	0
1	2	3	4
8	7	6	5
13.1	6.6	6.6	6.6

IC 502 HA12046

6.2	0.7	0.7	5.8	5.8	5.5	5.8	5.8	0
1	2	3	4	5	6	7	8	9
18	17	16	15	14	13	12	11	10
6.2	11.6	0.7	0.7	5.8	5.8	5.6	6.7	5.8

	B (G)	C (D)	E (S)
Q401	0	14.4	0
Q402	2.3	14.7	1.6
Q403	0	9.6	0
Q440	0.7	3.9	0
Q311	1.2	6.8	0.6
Q850	0	7.0	1.3
Q301	8.6	12.8	8.0
Q351	0.6	4.1	0
Q721	5.7	13.6	5.1
Q735	6.7	13.6	6.1
Q101	15.2	22.4	14.6
Q102	12.2	26.8	11.6
Q503	5.7	11.6	5.2
Q601	—	9.5	0.4
Q881	0	3.0	0
Q880	0	3.0	0
Q103	15.2	22.4	15.2

1S1588 D480~482, 830, 831, 801~805, 812~815, 850, 853, 854, 231, 602, 603

2SC2458 Q351 352
2SD1406 Q101
2SC1846 Q102
2SC2230 Q602
2SC592 NC Q601 603, 880

2SK161 Q401, 403
2SC2668 Q402, 440
2SC1815 Q441, 480, 801, 802, 803, 804, 805, 806, 851, 721, 722
JC 501 Q831, 832, 404, 421~424, 425, 301, 302, 723~736, 311, 312, 251~255, 231, 232~234, 501~508, 611, 612, 604~610, 613~615, 881
2SA 1015 Q442, 830, 256
2SK 381 Q422, 426, 850, 103

EL-1L2 D880
SLP-455B-40 LD 601, 602, 701~708
SLP-255B-40 LD 501
SLP 1553 40 LD 502, 603, 709, 710
ZD50-137 ZD 601
ZD50-122 ZD 102
ZD50-152 ZD 231, 101
ZD50-132 D 866
ZD50-057 ZD 251

1SV103 D401, 402
MA27W D440, 817, 601
SLP155B D483, 807
SLP455B D808~811
HP-SFR2 D816

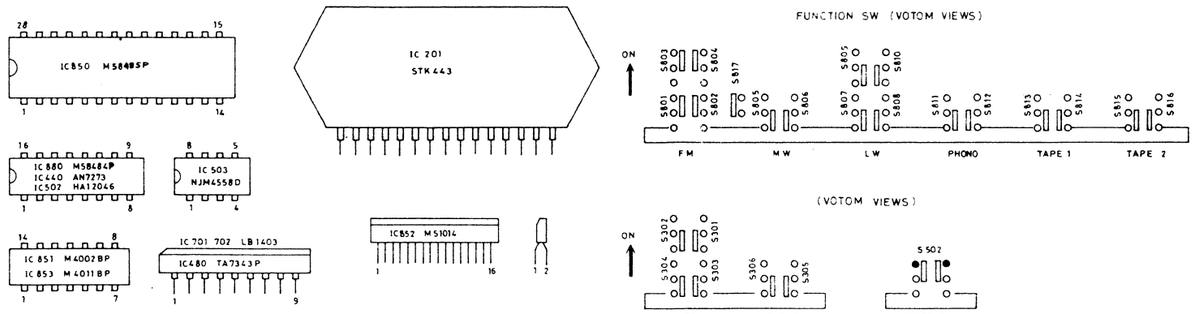
IC 251 M51523L

11.4	2.8	7.2	0	0	0	2.8	
1	3	5	7	9	11	13	
2	4	6	8	10	12	14	
3.2	6.5	6.5	2.5	3.2	0	3.2	

IC 201 STK443

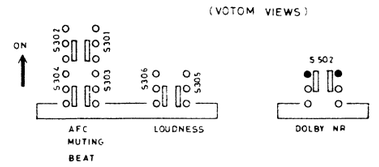
14.4	14.0	0	0	28.9	14.3	56.0	0	54.1	14.2	28.7	0	0	14.0	14.5
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

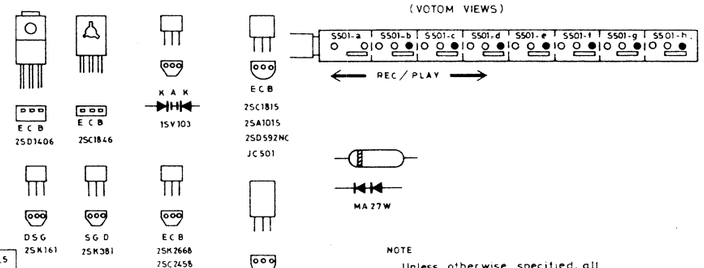
IC / TRANSISTOR CONNECTIONS (TOP VIEWS)



FUNCTION SW (VOTOM VIEWS)

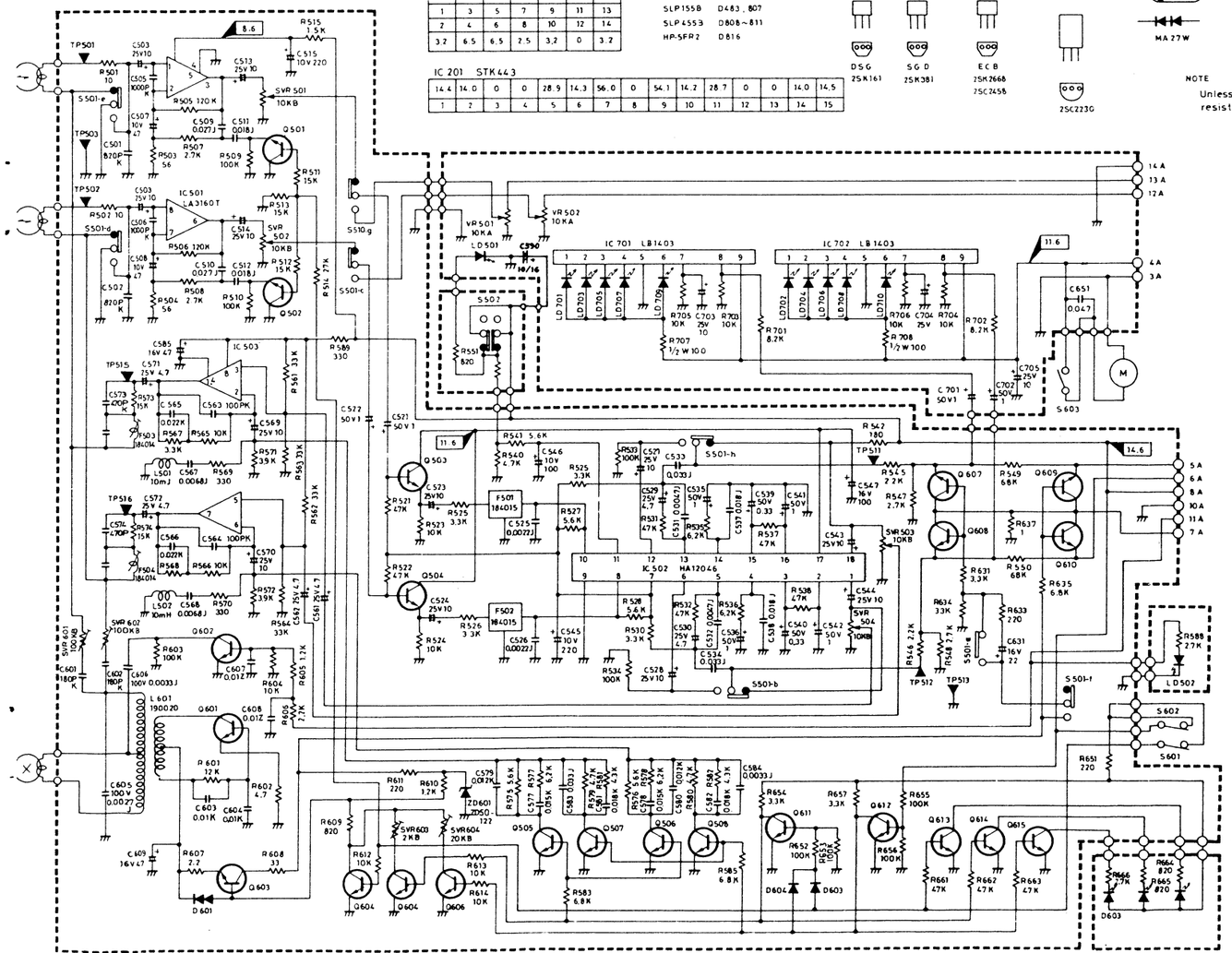
(VOTOM VIEWS)

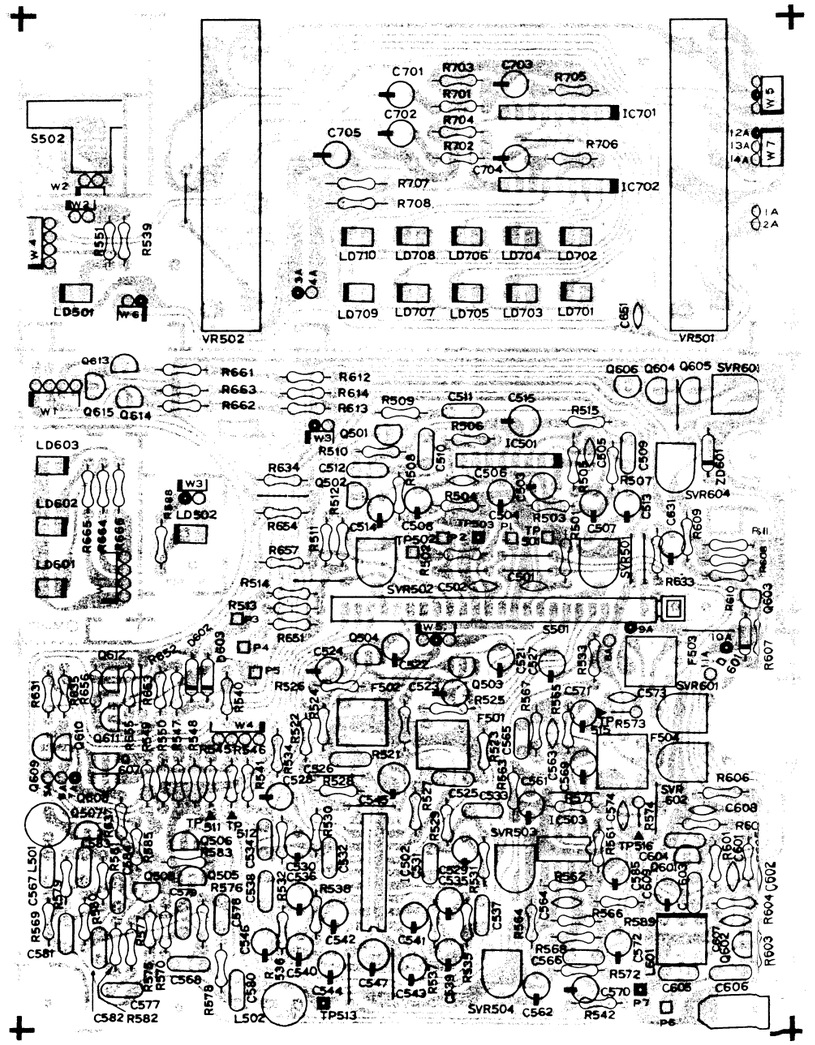




(VOTOM VIEWS)

NOTE
Unless otherwise specified, all resistors are in ohm 1/4 watt.



Cassette Platinen

Cassette P.C.B.'s